

1. Record Nr.	UNINA9910635399403321
Titolo	Nanorobotics and Nanodiagnostics in Integrative Biology and Biomedicine // edited by Ki-Taek Lim, Kamel A. Abd-Elsalam
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2023
ISBN	3-031-16084-3
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (463 pages)
Collana	Biomedical and Life Sciences Series
Disciplina	170 610.285
Soggetti	Nanobiotechnology Biomedical engineering Robotics Self-assembly (Chemistry) Biopolymers Biomaterials Biomedical Engineering and Bioengineering Self-assembly
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Preface -- Nanorobotics and Nanodiagnostics in Integrative Biology and Biomedicine -- Self-Assembled Polymeric Micelles as a Drug Carrier -- Polymer Nanohybrid Patches for Improved Hemostasis and Wound Healing Applications -- 3D Printed Nanorobots and Microswimmers for Therapeutic Advancement -- Magnetoresponsive Nanohybrids as Promising Nanodiagnostic Tools for Bioimaging -- Nanotherapeutics: An Insight into Healthcare and Multi-Dimensional Applications in the Medical Sector of the Modern World -- Design Strategies for Physical-Stimuli-Responsive Programmable Nanotherapeutics -- Functionalized Protein Nanobot-Based Therapy -- Photothermal Nanomaterials for Wound Monitoring and Cancer Biomedicine -- Fundamental Nano-Hybrid Polymers for Nanorobotics and Nano-Diagnostics -- Wearable Biosensor Nano- and Micro-Systems for Medical Diagnostics -- Smart Biosensors Based on Porous Graphene Scaffolds for Chronic Wound

Care -- Nanorobotics and Nanodiagnostics Tools in Bio-Agricultures --
CRISPR Applications in Nanodiagnostics of Plant Diseases --
Conclusions and Future Prospective of Nanorobotics and
Nanodiagnostics -- Bibliography -- Index.

Sommario/riassunto

Nanorobotics and Nanodiagnostics in Integrative Biology and Biomedicine "Nanorobotics and nanodiagnostics" can be defined as a new generation of biohybrid and nanorobotics that translate fundamental biological principles into engineering design rules, or integrative living components into synthetic structures to create biorobots and nanodiagnostics that perform like natural systems. Nanorobots or nanobots are structured of a nanoscale made of individual assemblies. They can be termed as intelligent systems manufactured with self-assembly strategies by chemical, physical and biological approaches. The nanorobot can determine the structure and enhance the adaptability to the environment in interdisciplinary tasks. "Nanorobotics and nanodiagnostics" is a new generation of biohybrid that translates fundamental biological principles into engineering design rules to create biorobots that perform like natural systems. These biorobotics and diagnostics can now perform various missions to be accomplished certain tasks in the research areas such as integrative biology and biomedicine. "Nanorobotics and Nanodiagnostics in Integrative Biology and Biomedicine" sheds light on a comprehensive overview of the multidisciplinary areas that explore nanotherapeutics and nanorobotic manipulation in biology and medicine. It provides up-to-date knowledge of the promising fields of integrative biology and biomedicine for nano-assisted biorobotics and diagnostics to detect and treat diseases that will enable new scientific discoveries. .

2. Record Nr.	UNINA9910967965603321
Titolo	Brecht sourcebook // edited by Carol Martin and Henry Bial
Pubbl/distr/stampa	London ; ; New York, : Routledge, 2000
ISBN	1-134-63710-1 0-203-97955-9 1-134-63711-X 1-280-15121-8
Edizione	[1st ed.]
Descrizione fisica	1 online resource (259 p.)
Collana	Worlds of performance
Altri autori (Persone)	MartinCarol <1952-> BialHenry <1970->
Disciplina	832/.912
Soggetti	German literature
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Preliminaries; CONTENTS; Acknowledgements; Contributors; 1 On Chinese Acting; 2 Theatre for Learning; 3 An Epic Theatre Catechism; 4 Are Stanislavsky and Brecht Commensurable?; 5 Brecht's Concept of Gestus and the American Performance Tradition; 6 Beyond Bourgeois Theatre; 7 Gestus in Music; 8 Composing for BB; 9 Actors on Brecht: The Munich Years; 10 Bertolt Brecht's J.B.; 11 Baden Lehrstück; 12 The Beggar or The Dead Dog; 13 The Dialectics of Galileo; 14 The Dispute Over the Valley; 15 Prologue to The Caucasian Chalk Circle; 16 Brecht and the English Theatre; 17 The Death of Mother Courage 18 Brecht and Chicano Theatre19 Brecht and Latin America's "Theatre of Revolution"; 20 Political Displacements; 21 The Actor's Involvement; 22 Brechtian Theory and American Feminist Theatre; 23 Brecht, Feminism, and Chinese Theatre; Index
Sommario/riassunto	Bertolt Brecht is one of the most prolific and influential writer-directors of the twentieth century. This fascinating anthology brings together in one volume many of the most important articles written about Brecht between 1957 and 1997. The collection explores a wide range of viewpoints about Brecht's theatre theories and practice, as well as including three plays not otherwise available in English: The Beggar or The Dead Dog, Baden Lehrstück and The Seven Deadly Sins of the

Lower Middle Class. Editors Martin and Bial have brought together a
unique compendium which cove
